

IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yuriy Zakharov et al. Examiner: Kakali Chaki
Serial No.: 10/685,983 Group Art Unit: 2124
Filed: October 15, 2003 Docket: G&C 184.2-US-11
Title: EQUATION SOLVING

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 4, 2005.

By: 

Name: William J. Wood

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing under 37 CFR 1.8.
- ☒ Information Disclosure Statement and Form PTO-1449.
- ☒ Cited Reference(s).
- ☒ Return postcard.

Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462

GATES & COOPER LLP

Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045
(310) 641-8797

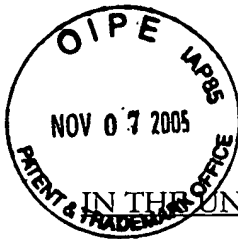
By: 

Name: William J. Wood

Reg. No.: 42,236

WJW/bjs

(PTO TRANSMITTAL - GENERAL)

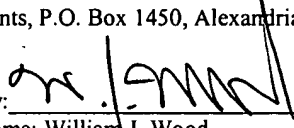


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Yuriy Zakharov et al.	Examiner:	Kakali Chaki
Serial No.:	10/685,983	Group Art Unit:	2124
Filed:	October 15, 2003	Docket:	G&C 184.2-US-I1
Title:	EQUATION SOLVING		

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Name: William J. Wood

INFORMATION DISCLOSURE STATEMENT(37 C.F.R. §1.97(b))

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each foreign patent document and each non-patent document listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that

the reference(s) are not "prior art". Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please direct any response or inquiry to the below-signed attorney at (310) 641-8797.

Respectfully submitted,

GATES & COOPER LLP
Attorneys for Applicant(s)

Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, California 90045
(310) 641-8797

Date: November 4, 2005

WJW/bjs

By: 

William J. Wood
Reg. No.: 42,236

Form 1449*	Docket Number: G&C 184.2-US-11	Application Number: 10/685,983
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION		
Applicant: Yuriy Zakharov et al.		Filing Date: October 15, 2003
		Group Art Unit: 2124

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,256,587	07/03/2001	Jericevic et al.			
	6,230,101	05/08/2001	Wallis			
	6,212,478	04/03/2001	Alvarado			
	6,209,014	03/27/2001	Prasad			
	6,078,938	06/20/2000	Pan et al.			
	5,949,480	09/07/1999	Gerhart et al.			
	5,907,497	05/25/1999	Raghunath			
	5,887,186	03/23/1999	Nakanishi			
	5,732,001	03/24/1998	Nakayama et al.			
	5,717,621	02/10/1998	Gupta et al.			
	5,682,341	10/28/1997	Kim et al.			
FOREIGN PATENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	WO 00/44141	07/27/2000	PCT			
	WO 03/012736	02/13/2003	PCT			
	EP0425296	10/25/1990	European			
	EP0523544	07/09/1992	European			
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
		Murthy et al., "Gaussian-elimination-based algorithm for solving linear equations on mesh-connected processors", IEE Proc.-Comput. Digit. Tech., Vol. 143, No. 6, November 1996, pp. 407-412.				
		Chen et al., "Multiplierless Approximation of Transforms using Lifting Scheme and Coordinate Descent with Adder Constraint", IEEE 2002, 0-7803-7402-9/02, pp. 3136-3139.				
		S.Y. Lin, "A Parallel Processing Multi-Coordinate Descent Method with Line Search for a Class of Large-Scale Optimization - Algorithm and Convergence", IEEE 1991 CH3076-7/91/0000-2096, pp. 2096-2097.				
		Ian S. Duff, "Matrix Methods", Department for Computation and Information, Atlas Centre, Rutherford Appleton Laboratory, Oxon OX11 0QX, November 24, 1998, pp. cover sheet, i, 1-22.				

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Form 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	Docket Number: G&C 184.2-US-11	Application Number: 10/685,983
	Applicant: Yuriy Zakharov et al.	
	Filing Date: October 15, 2003	Group Art Unit: 2124

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,604,911	02/18/1997	Ushiro			
	5,548,798	08/20/1996	King			
	5,490,278	02/06/1996	Mochizuki			
	5,464,868	11/07/1995	Frolich et al.			
	5,392,429	02/21/1995	Agrawal et al.			
	5,323,007	06/21/1994	Wernick et al.			
	5,319,586	06/07/1994	Gupta et al.			
	5,301,342	04/05/1994	Scott			
FOREIGN PATENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
	EP0637803	07/22/1994	European			
	EP0896428	07/16/1998	European			
	EP1081908	08/29/2000	European			
	EP1143346	04/03/2001	European			
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						

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